

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1114	(345/94).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/01/10 10:38
S2	51994	PWM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 10:09
S3	301697	inverter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 10:10
S4	10	S1 S2 S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:02
S5	2	US "20040183822" A1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/12 08:53
S6	270	extended near display near identification near data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:07
S7	51994	PWM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:03

## EAST Search History

S8	9	S6 S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:04
S9	41	inverter S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:04
S10	649	S6 or EDID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:27
S11	10	S10 S7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:07
S12	53	S10 inverter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:11
S13	117114	control brightness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:11
S14	19425	inverter (PWM or (pulse near width near modulation))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:13

## EAST Search History

S15	1026	S13 S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:12
S16	19187	(vertical near (synchronization or sync)) or vsync	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:19
S17	90	S15 S16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:19
S18	38	S15 S16 noise	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:19
S19	19256	(vertical near (synchronization or sync)) or vsync\$11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:07
S20	90	S15 S19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:31
S21	8111	frame near frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 11:32

## EAST Search History

S22	16	S20 S21	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:22
S23	4869	control brightness frame frequency LCD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:06
S24	19612	(vertical near (synchronization or sync)) or v\$1sync\$11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:12
S25	518	S23 S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:12
S26	518	LCD S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:12
S27	31	inverter (PWM or (pulse near width near modulation)) S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:13
S28	2	control same brightness same PWM same inverter same (v\$1sync\$11 or (vertical near synchronization))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 15:00

## EAST Search History

S29	7	control same brightness same PWM same inverter same frame same frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 13:57
S30	5	control same brightness same PWM same inverter same (v\$1sync\$11 or (vertical near synchronization) or (frame near frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 15:00
S31	5	control same brightness same PWM same inverter same (v\$1sync\$11 or (vertical near synchronization) or (frame near frequency) or (vertical near frequency))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 15:02
S32	4	"6445143"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 15:03
S33	35	"5939830"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:00
S34	283	frame same frequency same record same memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:01
S35	24	(frame near frequency) same record same memory	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:26

## EAST Search History

S36	270	extended near display near identification near data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:29
S37	2	(S36 or EDID) (display near timing near range near limits)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:27
S38	14	S36 (frame near frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:31
S39	631	EDID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:31
S40	167	lcd S39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:32
S41	8	S40 (frame near frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:45
S42	12	S40 (vertical near frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:45

## EAST Search History

S43	649	S36 or EDID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:31
S44	8	display near timing near range	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:47
S45	12	S43 same (frame frequency vertical)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/10 16:48
S46	272	extended near display near identification near data	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:31
S47	652	S46 or EDID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:31
S48	9	S47 same multiple same monitors	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:37
S49	1	S47 same multiple same LCD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:38

## EAST Search History

S50	177	S47 LCD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:39
S51	50	S47 same LCD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:43
S52	804	multiple same lcd same monitor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:41
S53	1	multiple same lcd same monitor same edid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:42
S54	0	("2004/0212610").URPN.	USPAT	AND	ON	2007/01/11 09:42
S55	1	S47 same LCD same dual	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:43
S56	305	dual same monitor same lcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:44
S57	1	S56 edid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:43



## EAST Search History

S58	18	(dual near monitor) same lcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:44
S59	2129	345/211	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:53
S60	0	S59 same multiple same lcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:53
S61	0	S59 same dual same lcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:53
S62	0	S59 same lcd	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:53
S63	73	S59 (multiple same lcd)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:55
S64	17	S59 (multiple same lcd dual)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 09:55

## EAST Search History

S65	7	"5977934"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/11 15:15
S66	85	EDID EEPROM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/12 08:57
S67	29	EDID EEPROM timing range	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/01/12 08:57
S68	2	"20050057485"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/16 13:36
S69	4	"6445143"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:50
S70	36	"5939830"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:48
S71	0	(inverter pulse width modulation frequency liquid crystal display portable computer memory frame frequency) ".clms"	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:51
S72	0	(inverter pulse width modulation frequency liquid crystal display portable computer memory frame frequency) .clms.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:52
S73	0	(inverter pulse width modulation frequency liquid crystal) .clms.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:51

## EAST Search History

S74	15	(inverter pulse width modulation frequency liquid crystal) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:51
S75	1	(inverter pulse width modulation frequency liquid crystal display portable computer memory frame frequency) .clm.	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/01/17 09:52
S76	0	("(extend\$3near3displaynear3identificationnear3data)orEDID").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/25 09:38
S77	679	(extend\$3 near3 display near3 identification near3 data) or EDID	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:39
S78	81145	(adjust\$4 or chang\$4 or modif\$4 or modification) with (brightness or inverter or PWM)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 10:00
S79	81	S77 S78	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:47
S80	39693	(frame near3 frequency) or (vertical near3 (sync\$3 or synchronization)) or v\$1sync\$3	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:52
S81	2938	S78 S80	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:53
S82	26	S77 S81	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:53

## EAST Search History

S83	40627	(adjust\$4 or chang\$4 or modif\$4 or modification) with (inverter or PWM)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:58
S84	15	S77 S83	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 09:58
S85	15	S77 same S78	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/25 10:00
S86	7	EDID ((maximum minimum average) with frequency)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/29 12:03
S87	14	(EDID or (extended near3 display near3 identification near3 data)) ((average) with frequency)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/29 12:05
S88	78	(EDID or (extended near3 display near3 identification near3 data)) (range with frequency)	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2007/06/29 12:08
S89	797	edid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 22:59
S90	176	average near3 frame near3 frequency	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:08
S91	3	S89 S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 22:59

## EAST Search History

S92	821	(extended near3 display near3 identification near3 data) or S89	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:08
S93	3	S90 S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:08
S94	659	(maximum or minimum) with (frame near3 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:14
S95	3	S92 S94	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:12
S96	135	(refresh near3 rate) S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:12
S97	1	(average with (refresh near3 rate)) S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:13
S98	61	optimal with (frame near3 frequency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:14

## EAST Search History

S99	3	S92 S98	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/19 23:14
S10 0	822	(EDID or (extended adj3 display adj3 data))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:20
S10 1	97061	(frame near3 (frequency or rate)) or (refresh near3 rate) or (vertical near3 (frequency or rate))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:20
S10 2	98365	(frame near3 (frequency or rate)) or (refresh near3 (frequency or rate)) or (vertical near3 (frequency or rate))	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:21
S10 3	204	S100 S102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:21
S10 4	2317	average with S102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:21
S10 5	18	S100 S104	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:24
S10 6	8829	(minimum or maximum or range) with S102	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:31
S10 7	54	S100 S106	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:24

## EAST Search History

S10 8	42	(medium or average) S107	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:33
S10 9	27	(middle or average) S107	US-PGPUB; USPAT; USOCR; EPO; DERWENT	AND	ON	2008/01/03 16:33